

Date: Wed, 27 Jan 93 04:30:14 PST  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V93 #118  
To: Info-Hams

Info-Hams Digest                      Wed, 27 Jan 93                      Volume 93 : Issue 118

Today's Topics:

Daily Solar Geophysical Data Broadcast for 26 January  
DX Bulletin -- Ohio spells Adis Abeba?  
Hamtronics receive/transmit converters?  
illegals (was: Re: Radio Shack Business Band Radio)  
My call sign : (  
Through-the-glass antennas  
Transmitting 50-178 & 300-512?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

-----  
Date: 27 Jan 93 06:55:48 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Daily Solar Geophysical Data Broadcast for 26 January  
To: info-hams@ucsd.edu

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 026, 01/26/93  
10.7 FLUX=106.5 90-AVG=137 SSN=060 BKI=4444 4332 BAI=021  
BGND-XRAY=B2.3 FLU1=3.1E+05 FLU10=1.0E+04 PKI=4444 4332 PAI=019  
BOU-DEV=055,046,068,057,050,031,021,015 DEV-AVG=042 NT SWF=00:000  
XRAY-MAX= B4.7 @ 2348UT XRAY-MIN= B1.6 @ 0415UT XRAY-AVG= B2.7  
NEUTN-MAX= +001% @ 2000UT NEUTN-MIN= -003% @ 2355UT NEUTN-AVG= -1.0%  
PCA-MAX= +2.3DB @ 1755UT PCA-MIN= -0.3DB @ 0845UT PCA-AVG= +0.1DB  
BOUTF-MAX=55419NT @ 0329UT BOUTF-MIN=55387NT @ 1959UT BOUTF-AVG=55405NT  
GOES7-MAX=P:+100NT@ 2036UT GOES7-MIN=E:-034NT@ 0119UT G7-AVG=+064,+030,+006  
GOES6-MAX=P:+120NT@ 1647UT GOES6-MIN=E:-009NT@ 0116UT G6-AVG=+080,+007,+046  
FLUXFCST=STD:110,115,120;SESC:110,115,120 BAI/PAI-FCST=020,015,010/020,015,015

KFCST=3335 6222 2222 4522 27DAY-AP=042,010 27DAY-KP=5565 5533 2323 3211  
WARNINGS=  
ALERTS=  
!!END-DATA!!

-----  
Date: 27 Jan 93 04:14:08 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: DX Bulletin -- Ohio spells Adis Abeba?  
To: info-hams@ucsd.edu

<In DX Bulletin #96 January 25, 1993...by BARF-80 BBS Cleveland, Ohio>

This tidbit caught my eye:

>ET, ETHIOPIA. ET3YU was reported on January 22nd at 1445z on 14025 kHz  
>and that his signal was very strong long path in W4-land. The operator's  
>name is "Dragan" and he uses a bug. QSL via direct to Box 60349, Addis  
>Ababa (or as he spells it Adis Abeba).

^^^^ ^^^^^

Don't mean to flame, but it strikes me that anyone from a State with a city named "Upper Sandusky" that is about 60 miles SouthWest of the city named "Sandusky" has no room to insinuate that a native Ethiopian doesn't know how to spell his own hometown! 'Course Dragan is probably right and some myopic cartographer from Rand McNally has led us 'Mericans astray....can't blame the lads from Cleveland, can we? ;^)

-----  
| Jack GF Hill           Voice: (615)459-2636   root@jackatak.raidernet.com |  
| P. O. Box 1685        modem: (615)377-5980       Compu\$erve 76427,31 |  
| Brentwood, TN 37024   Bicycling and SCUBA Diving       Ham Call: W4PPT |  
+-----+

-----  
Date: Tue, 26 Jan 1993 21:25:34 GMT  
From: pa.dec.com!engage.pko.dec.com!nntpd.lkg.dec.com!nntpd2.cxo.dec.com!  
nuts2u.enet.dec.com!little@decwrl.dec.com  
Subject: Hamtronics receive/transmit converters?  
To: info-hams@ucsd.edu

Has anyone tried the Hamtronics 2 meter receive converter or 70 cm transmit converter? I'm also trying to find an inexpensive 70 cm linear amp to build to go with the transmit converter. There was a 70 cm transverter and amp design in QST in late 1991, any experiences with those?

My goal is to build an OSCAR station for my parents with the least

amount of cash outlay. I can loan (give?) them my old Kenwood R-599 receiver and an HR-2510 10 meter transceiver, so I figured inexpensive receive/transmit converters would be the way to go. Any other suggestions that would let me get them up on A0-10/A0-13 for under \$300?

73,  
Todd  
N9MWB

-----  
Date: Wed, 27 Jan 1993 05:20:30 GMT  
From: sdd.hp.com!zaphod.mps.ohio-state.edu!uwm.edu!linac!att!news.cs.indiana.edu!lynx.unm.edu!nmsu.edu!opus!forozco@network.UCSD.EDU  
Subject: illegals (was: Re: Radio Shack Business Band Radio)  
To: info-hams@ucsd.edu

This is in response to Mr. "levin@bbn.com"'s posting about my original posting on Radio Shack letting try out 2m HT's to anyone who walks into the store:

1. This is not by any means saying that Mr. "leving" is wrong. If one of the employees in the store happens to be a ham, \*\*anyone can operate\*\* the HT using the employee's call, as long as he is present at the store.
2. Just to clarify things, I'm darn sure none of the employees at the store I went to are hams.

73's de Luis N5UHB  
--

Luis F. Orozco	N	5	U	H	B
forozco@dante.nmsu.edu			g	o	o
forozco@freedom.nmsu.edu			l	m	y
			y	e	

-----  
Date: Wed, 27 Jan 1993 04:40:31 GMT  
From: sdd.hp.com!zaphod.mps.ohio-state.edu!howland.reston.ans.net!paladin.american.edu!gatech!usenet.ins.cwru.edu!agate!boulder!ucsu!rintintin.Colorado.EDU!weaverb@network.UCSD.EDU  
Subject: My call sign : (

To: info-hams@ucsd.edu

Azmi Hashim <AXH113@psuvm.psu.edu> writes:

>Hi all,

>I passed my element 2 and 3A on Dec 3, 1993. The problem is that I still  
>dont have a call sign. I am really dissapointed because every day I have  
>to wait for the mailman to check for my mail from the FCC.

>It's said that my call sign is ready within 4-6 weeks.Hmmm, I dont know  
>what to say. Can anyone out there suggest me something ? or can anyone  
>help me ?

Yes, it's taking about 12 weeks these days, at least thats how  
long it took my two friends to get their calls, so dont be worried.

--

Brian Weaver	University of Colorado at Boulder
weaverb@boulder.Colorado.EDU	(internet)
KD6CFA@N0ARY.#NOCAL.CA.USA.NA	(packet radio)

-----  
Date: 27 Jan 93 05:08:32 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Through-the-glass antennas  
To: info-hams@ucsd.edu

<In Info-Hams V93 #115...Jerry Gardner asks:>

>Does anyone know what affect, if any, rear window defroster wires have on  
>through-the-glass antennas?

Yep. Bad. They even mess up a Cell Phone. And, I learned today, that the  
cell tower sends a blank-and-burst which throttles back the cellphone in  
your car/hand when it hits the tower too hard (and conversely will "heat  
it up" just a bit when needed...) Tech guy says he has seen several  
cellphones hot-rodde to 7 watts or so, and in close proximaty to the  
cell tower...they don't work for diddly...most blank-and-burst back to  
less than 1 watt anyway... ;) so much for QRO phones!

73

-----  
| Jack GF Hill           Voice: (615)459-2636   root@jackatak.raidernet.com |  
| P. O. Box 1685        modem: (615)377-5980       Compu\$erve 76427,31 |  
| Brentwood, TN 37024   Bicycling and SCUBA Diving   Ham Call: W4PPT |  
+-----+

-----  
Date: Tue, 26 Jan 93 18:17:40 GMT  
From: usc!cs.utexas.edu!geraldo.cc.utexas.edu!slcs.slb.com!leo.asc.slb.com!sjsca4!  
jones@network.UCSD.EDU  
Subject: Transmitting 50-178 & 300-512?  
To: info-hams@ucsd.edu

Willie Smith (wpns@miki.pictel.com) wrote:  
: Can you even build a PLL that works over more than an octave without  
: resorting to esoteric tricks that are unlikely to be found in  
: commercially available radios?

I'd suggest that you read the Motorola Apps Note on the subject. (Sorry,  
I don't have the number at the office, as my copy is at home.) There's a  
"block diagram" in there using 2 MC145145's and a single 10.01 MHz xtal  
(if memory serves) that can cover the spectrum from below the bottom of  
the AM broadcast band (which, to remind you, is ~0.6MHz) up through 30MHz,  
all in 100 Hz steps. If my arithmetic is correct, this is only about 5.5  
octaves.

BTW, there are several commercially available receivers that use PLLs for  
the LO and cover from ~0.1MHz to ~30MHz. That's >8 octaves...

--  
Disclaimer: The opinions expressed above are mine and not those of Schlumberger  
because they are NOT covered by the patent agreement!

Alternate reply path: jones@sjs.sj.ate.slb.com  
Phone: (602) 345-3638  
Snail: Clark Jones, Schlumberger Technologies, 7855 S. River Pkwy #116, Tempe,  
AZ 85284-1825

-----  
End of Info-Hams Digest V93 #118  
\*\*\*\*\*